

# **State of Alaska FY2008 Governor's Operating Budget**

## **Dept of Commerce, Community, & Economic Development Alaska Energy Authority Technical Assistance Component Budget Summary**

**Component: Alaska Energy Authority Technical Assistance**

**Contribution to Department's Mission**

Increase the reliability and efficiency of rural electric systems.

**Core Services**

The Technical Assistance Program offers preventive maintenance services, on-site operator training, and emergency response to rural electric utilities, specifically the smaller utilities that have difficulty acquiring and maintaining the necessary technical skills. Annually, AEA is able to provide technical assistance to a fraction of the 100 communities requesting this assistance.

A technical assistance visit includes inspection, testing, and preventive maintenance of the diesel engines, generators, control panels, metering systems and other related components. The technician is assisted by the local plant operators, who acquire training and skills in the process.

**Major Activities to Advance Strategies**

- On site operator training
- Provide preventative maintenance services
- Development of site-specific training curriculum
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**FY2008 Resources Allocated to Achieve Results**

<b>FY2008 Component Budget: \$400,700</b>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2"><b>Personnel:</b></td> </tr> <tr> <td style="padding: 2px 10px;">Full time</td> <td style="text-align: right; padding: 2px 10px;">0</td> </tr> <tr> <td style="padding: 2px 10px;">Part time</td> <td style="text-align: right; padding: 2px 10px;">0</td> </tr> <tr> <td style="border-top: 1px solid black; padding: 2px 10px;"><b>Total</b></td> <td style="text-align: right; border-top: 1px solid black; padding: 2px 10px;"><b>0</b></td> </tr> </table>	<b>Personnel:</b>		Full time	0	Part time	0	<b>Total</b>	<b>0</b>
<b>Personnel:</b>									
Full time	0								
Part time	0								
<b>Total</b>	<b>0</b>								

**Key Component Challenges**

The construction of substantial infrastructure projects in the villages (for example: water/sewer facilities and school upgrades and replacements) are over-taxing the older power systems which results in system overload, shorter equipment life and more frequent power outages. Reduced funding for the Technical Assistance Program over the past few years limits our ability to provide technical assistance, operator training and minor repairs to reduce power outages and significant equipment damage.

**Significant Changes in Results to be Delivered in FY2008**

No significant changes.

**Major Component Accomplishments in 2006**

AEA provided circuit rider services to 18 communities.

**Statutory and Regulatory Authority**

AS 42.45 Rural and Statewide Energy Programs

**Contact Information**

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**Alaska Energy Authority Technical Assistance  
Component Financial Summary**

*All dollars shown in thousands*

	FY2006 Actuals	FY2007 Management Plan	FY2008 Governor
<b>Non-Formula Program:</b>			
<b>Component Expenditures:</b>			
71000 Personal Services	0.0	0.0	0.0
72000 Travel	22.9	0.0	0.0
73000 Services	68.5	100.7	400.7
74000 Commodities	5.5	0.0	0.0
75000 Capital Outlay	0.0	0.0	0.0
77000 Grants, Benefits	0.0	0.0	0.0
78000 Miscellaneous	0.0	0.0	0.0
<b>Expenditure Totals</b>	<b>96.9</b>	<b>100.7</b>	<b>400.7</b>
<b>Funding Sources:</b>			
1004 General Fund Receipts	96.9	100.7	400.7
<b>Funding Totals</b>	<b>96.9</b>	<b>100.7</b>	<b>400.7</b>

**Summary of Component Budget Changes  
From FY2007 Management Plan to FY2008 Governor**

*All dollars shown in thousands*

	<u>General Funds</u>	<u>Federal Funds</u>	<u>Other Funds</u>	<u>Total Funds</u>
<b>FY2007 Management Plan</b>	<b>100.7</b>	<b>0.0</b>	<b>0.0</b>	<b>100.7</b>
<b>Proposed budget increases:</b>				
-Technical Assistance Program for Bulk Fuel Tank Farm Operators	300.0	0.0	0.0	300.0
<b>FY2008 Governor</b>	<b>400.7</b>	<b>0.0</b>	<b>0.0</b>	<b>400.7</b>